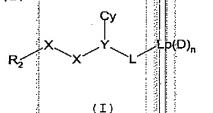
Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1 (previously presented): A serine protease inhibitor compound of formula (I)



wherein:

R₂ is:-

- (i) phenyl optionally being substituted in the 3 and/or 4 position by halo, nitro, thiol, haloalkoxy, hydrazido, alkylhydrazido, amino, cyano, haloalkyl, alkylthio, alkenyl, alkynyl, acylamino, tri or difluoromethoxy, carboxy, acyloxy, MeSO2- or R1, and optionally substituted at the 6 position by amino, hydroxy, halo, alkyl, carboxy, alkoxycarbonyl, cyano, amido, aminoalkyl, alkoxy or alkylthio;
- (ii) naphth-2-yl optionally substituted at the 6 or 7 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R_{1j} and optionally substituted at the 3 position by amino, hydroxy, halo, alkyl, carboxy, cyano, amido, aminoalkyl, alkoxy or alkylthio;
- (iii) isoquinolin-7-yl, indol-5-yl, indol-6-yl, indazol-5-yl, indazol-6-yl, benzothiazol-6-yl or benzisoxazol-5-yl optionally substituted at the 3 position by halo, haloalkoxy,

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haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R1;

- (iv) benzimidazol-5-yl or benzothiazol-6-yl optionally substituted at the 2 position by amino;
- (v) thien-2-yl or thien-3-yl optionally substituted at the 4 or 5 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R1;
- (vi) 3,4-methylenedloxyphenyl, 2,3-dihydroindol-6-yl, 3,3-dichloro-2-oxo-indol-6-yl or 1-methyl-3-aminoindazol-5-yl;
- (vii) benzothiazol-2-yl, imidazo[1,2-a]pyrimidin-2-yl or tetrahydroimidazo[1,2-a]pyrimidin-2-yl;
- (viii) pyrazol-2-yl optionally substituted at the 5 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R1;
- (ix) pyrid-2-yl optionally substituted at the 5 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R1;
- (x) pyrid-3-yl optionally substituted at the 6 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R1;
- (xi) benzofur-2-yl optionally substituted at the 3 position by amino, hydroxy, halo, alkyl, carboxy, cyano, amido, aminoalkyl, alkoxy or alkylthio and at the 5 or 6 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R1;
- (xii) indol-2-yl optionally substituted on the indole nitrogen atom by alkyl and optionally substituted at the 5 or 6 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R1;
- (xiii) indol-6-yl substituted at the 5 position by amino, hydroxy, halo, alkyl, carboxy, alkoxycarbonyl, cyano, amido, aminoalkyl, alkoxy or alkylthio and optionally substituted at

the 3 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R_{1j} ; or

(xiv) benzo[b]thiophen-2-yl optionally substituted at the 3 position by amino, hydroxy, halo, alkyl, carboxy, cyano, amido, aminoalkyl, alkoxy or alkylthio and at the 5 or 6 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R_{1j} ;

with the proviso that R_2 cannot be aminoisoquinolyl; or R_2 is a group of formula (F') or (H')

$$(F')$$
 or (H')

wherein X_4 is 0 or S, and R_{13} is selected from hydrogen, fluoro, chloro and methyl;

-X-X- is -CONH-;

R₁ is hydrogen, hydroxy, alkoxy, alkyl, alkylaminoalkyl, alkanoyl, hydroxyalkyl, alkoxyalkyl, alkoxycarbonyl, alkylaminocarbonyl, alkylamino, carboxyl, carboxymethyl, amido or amidomethyl;

R_{1j} is hydrogen, hydroxy, alkoxy, alkyl, alkanoyl, hydroxyalkyl, alkoxyalkyl, alkoxycarbonyl, alkylamino, carboxyl, carboxymethyl, amido or amidomethyl;

Y (the α -atom) is a CH group;

Cy is an optionally R_{3a} substituted: phenyl, pyridyl, thienyl, thiazolyl, naphthyl, piperidinyl, furanyl, pyrrolyl, isoxazolyl, isothiazolyl, pyrazolyl, oxazolyl, imidazolyl, 1,2,4-thiadiazolyl, 1,3,4-thiadiazolyl, pyrimidinyl, pyridazinyl, quinolyl, isoquinolyl, benzofuryl, benzothienyl or cycloalkyl group, or a phenyl group substituted by R_{3i}X_i;

n

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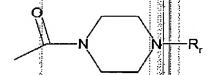
each R_{3a} independently is hydrogen, hydroxyl, alkoxy, aralkyloxy, alkyl, alkylaminoalkyl, hydroxymethyl, carboxy, alkoxyalkyl, alkoxycarbonyl, alkylaminocarbonyl, aminomethyl, CONH₂, CH₂CONH₂, (1-6C) alkanoylamino, alkoxycarbonylamino, amino, halo, cyano, nitro, thiol, alkylthio, alkylsulphonyl, alkylsulphenyl, triazolyl, imidazolyl, tetrazolyl, hydrazido, alkylimidazolyl, thiazolyl, alkylthiazolyl, alkyloxazolyl, oxazolyl, alkylsulphonamido, alkylaminosulphonyl, aminosulphonyl, haloalkoxy, haloalkyll, a group of the formula -C(X³)N(R¹¹)R¹² (wherein X³ is O or S, and R¹¹ and R¹² are independently selected from hydrogen, methyl or ethyl or together with the nitrogen atom to which they are attached form a pyrrolidin-1-yl, piperidin-1-yl or morpholino group), or -OCH₂O- which is bonded to two adjacent ring atoms in Cy;

X_i is a bond, O, NH or CH₂;

R3i is phenyl, pyridyl or pyrimidinyl optionally substituted by R3a;

and

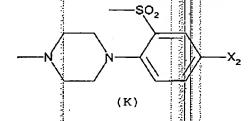
-L-Lp(D)_n is of the formula:



in which R_r is -(CH₂)_C-R_C, -CHR_eR_f, -CH₂-CHR_eR_f,
-CH₂-CH₂-CHR_eR_f, or R_g in which c is 1 or 2; R_C is thienyl,
thiazolyl (which may bear an amino substituent), isothiazolyl,
oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridyl (which
may bear an alkylsulphonyl, aminosulphonyl,
alkylaminosulphonyl, alkylaminocarbonyl, amino, amido, (14C)alkoxycarbonyl, carboxy, acetylamino, chloro, fluoro,
cyano, (1-3C)alkyl, trifluoromethyl, methoxy, ethoxy, nitro,
hydroxy, alkylsulphonylamino, triazolyl or tetrazolyl
substituent), pyrimidinyl, pyridazinyl, pyrazinyl or phenyl

(which may bear a methyl; methylamino; dimethylamino, carboxy, dialkylaminosulphonyl, alkylsulphonyl, aminosulphonyl, alkylaminosulphonyl, alkylaminocarbonyl, amino, amido, alkoxycarbonyl, acetylamino, chloro, iliuoro, cyano, methoxy, ethoxy, nitro, hydroxy, alkylsulphonylamino, triazolyl or tetrazolyl substituent); each of Re and Rf independently is hydrogen or C1-3alkyl; or CHReRf is cyclopentyl (which may bear a hydroxy, amino, (1-3C)alkoxy, (1-3C)hydroxyalkyl, (1-3C)alkyl, carboxy, methokycarbonyl or ethoxycarbonyl substituent at the 3- or 4-position), eyclohexyl (which may bear a hydroxy, amino, (1-3C) alkoxy, (1-3C) hydroxyalkyl, (1-3C) alkyl, carboxy, methoxycarbonyl or ethoxycarbonyl substituent at the 3- or 4-position) # tetrahydropyran-4-yl, tetrahydrothiopyran-4-yl, pyrrolidin 3 yl (which may bear a hydroxy, amino, (1-3C)alkoxy, (1-3C)hydroxyalkyl, (1-3C)alkyl, carboxy, methoxycarbonyl or ethoxycarbonyl substituent at the 1-position), piperidin-4-yl (which may bear a hydroxy, amino, (1-3C) alkoxy, (1-3C) hydroxyalkyl, (1-3C) alkyl, carboxy, methoxycarbonyl or ethoxycarbonyl substituent at the 1position), or indan-2-yla and R_{α} is $2\frac{1}{3}$ methylsulphonylphenyl which may bear a 4-fluoro substituent or R_{α} is $\lambda^{6}-1,1$ dioxobenzo[b]thiophen-7-yl;

or a physiologically-tolerable salt thereof; provided that Lp(D)n is not of the formula (K):



wherein X2 is fluoro or hydrogen.

2 (previously presented): A compound according to claim 1

wherein:

R₂ is:-

- (i) phenyl optionally being substituted in the 3 and/or 4 position by halo, nitro, thiol, haloalkoxy, hydrazido, alkylhydrazido, amino, cyano, haloalkyl, alkylthio, alkenyl, alkynyl, acylamino, tri or difluoromethoxy, carboxy, acyloxy, MeSO₂- or R₁, and optionally substituted at the 6 position by amino, hydroxy, halo, alkyl, carboxy, alkoxycarbonyl, cyano, amido, aminoalkyl, alkoxy or alkylthio;
- (ii) naphth-2-yl optionally substituted at the 6 or 7 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R_{1j} and optionally substituted at the 3 position by amino, hydroxy, halo, alkyl, carboxy, cyano, amido, aminoalkyl, alkoxy or alkylthio;
- (iii) isoquinolin-7-yl, indol-5-yl, indol-6-yl, indazol-5-yl, indazol-6-yl, benzothiazol-6-yl or benzisoxazol-5-yl optionally substituted at the 3 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R_{1j};
- (iv) benzimidazol-5-yl or benzothiazol-6-yl optionally substituted at the 2 position by amino:
- (v) thien-2-yl or thien-3-yl optionally substituted at the 4 or 5 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R1;
- (vi) 3,4-methylenedioxyphenyl, 2,3-dihydroindol-6-yl, 3,3-dichloro-2-oxo-indol-6-yl or 1-methyl-3-aminoindazol-5-yl;
- (vii) benzothiazol-2-yl, imidazo[1,2-a]pyrimidin-2-yl or tetrahydroimidazo[1,2-a]pyrimidin-2-yl;
- (viii) pyrazol-2-yl optionally substituted at the 5 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R1;

- (ix) pyrid-2-yl optionally substituted at the 5 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R1;
- (x) pyrid-3-yl optionally substituted at the 6 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R1;
- (xi) benzofur-2-yl optionally substituted at the 3 position by amino, hydroxy, halo, alkyl, carboxy, cyano, amido, aminoalkyl, alkoxy or alkylthio and at the 5 or 6 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R1;
- (xii) indol-2-yl optionally substituted on the indole nitrogen atom by alkyl and optionally substituted at the 5 or 6 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R_{1j} ;
- (xiii) indol-6-yl substituted at the 5 position by amino, hydroxy, halo, alkyl, carboxy, alkoxycarbonyl, cyano, amido, aminoalkyl, alkoxy or alkylthio and optionally substituted at the 3 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl alkynyl or R_{1j}; or
- (xiv) benzo[b]thiophen-2-yl optionally substituted at the 3 position by amino, hydroxy, halo, alkyl, carboxy, cyano, amido, aminoalkyl, alkoxy or alkylthro and at the 5 or 6 position by halo, haloalkoxy, haloalkyl, cyano, nitro, amino, hydrazido, alkylthio, alkenyl, alkynyl or R_{1j} ;

with the proviso that R2 cannot be aminoisoquinolyl;

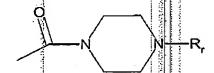
Cy is an optionally R3a substituted: phenyl, pyridyl, thienyl, thiazolyl, naphthyl, piperidinyl or cycloalkyl group;

each R3a independently is hydrogen, hydroxyl, methoxy, ethoxy, methyl, ethyl, methylaminomethyl, dimethylaminomethyl, hydroxymethyl, carboxy, methoxymethyl, methoxycarbonyl, ethoxycarbonyl, methylaminocarbonyl, dimethylamino-carbonyl,

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aminomethyl, CONH2, CH2CONH2, acetylamino,
methoxycarbonylamino, ethoxycarbonylamino, tbutoxycarbonylamino, amino, fluoro, chloro, cyano, nitro,
thiol, methylthio, methylsulphonyl, ethylsulphonyl,
methylsulphenyl, methylsulphonylamido, ethylsulphonylamido,
methylaminosulphonyl, ethylaminosulphonyl, aminosulphonyl,
trifluoromethoxy or trifluoromethyl;

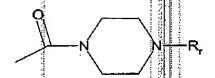
and

-L-Lp(D)n is of the formula:



in which R_r is $-(CH_2)_C - R_C$, $-CHR_eR_f$, $-CH_2 - CHR_eR_f$, or R_g in which c is 1 or 2; R_C is pyridyl or phenyl (which phenyl may bear a fluoro, chloro, methyl, $CONH_2$, SO_2NH_2 , methylaminosulphonyl, dimethylaminosulphonyl, methoxy or methylsulphonyl substituent); each of R_e and R_f independently is hydrogen or C_{1-3} alkyl; or CHR_eR_f is cyclopentyl (which may bear a methyl, ethyl or hydroxymethyl substituent at the 3- or 4-position), cyclohexyl (which may bear a methyl, ethyl or hydroxymethyl substituent at the 3- or 4-position), tetrahydropyran-4-yl, tetrahydrothiopyran-4-yl, pyrrolidin-3-yl (which may bear a 1-methyl substitutent), piperidin-4-yl (which may bear a 1-methyl substitutent) or indan-2-yl; and R_g is 2-methylsulphonylphenyl which may bear a 4-fluoro substituent or R_g is λ^6 -1,1-dioxobenze[b]thiophen-7-yl.

3 (original): A compound according to claim 1 wherein -L-Lp(D)n is of the formula:



in which R_r is $-(CH_2)_{C}-R_{C}$; in which c is 2; R_C is thienyl, thiazolyl (which may bear an amino substituent), isothiazolyl, oxazolyl, isoxazolyl, pyrazolyl, imidazolyl, pyridyl (which may bear an amino, methoxycarbonyl, carboxy, fluoro, cyano, methyl, methylsulphonyl, aminosulphonyl, methylaminosulfonyl, dimethylaminosulfonyl, or trifluoromethyl substituent), pyrimidinyl, pyridazinyl, pyrazinyl or phenyl (which phenyl may bear a fluoro, chloro, cyano, methyl, amino, methylsulphonyl, aminosulphonyl, methylaminosulphonyl, dimethylaminosulphonyl, methylamino, carboxy, methoxycarbonyl or methoxy substituent).

4 (previously presented): A compound according to claim 3 wherein Rc is thiazolyl (which may bear an amino substituent), pyrimidinyl, pyrazolyl, imidazolyl, pyridyl (which may bear a methylsulphonyl, aminosulphonyl, methylaminosulfonyl, dimethylaminosulfonyl, fluoro, cyano, methyl or trifluoromethyl substituent), pyridazinyl, pyrazinyl or phenyl (which phenyl may bear a fluoro, chloro, cyano, methyl, amino, methylamino, dimethylamino, carboxy, methoxycarbonyl, methylsulphonyl, aminosulphonyl, methylaminosulfonyl, dimethylaminosulfonyl, or methoxy substituent).

5 (previously presented): A compound according to claim 4 wherein Rc is thiazolyl (which may bear an amino substituent), pyrazolyl, imidazolyl, pyridyl (which may bear a fluoro, cyano, methyl or trifluoromethyl substituent), pyridazinyl or pyrazinyl.

6 (previously presented): A compound according to claim 5 wherein Rc is thiazol-2-yl, 2-aminothiazol-4-yl, pyrazol-1-yl, pyrazol-4-yl, pyridazin-3-yl, imidazol-1-yl, imidazol-4-yl, pyrazin-2-yl, pyrid-2-yl, pyrid-3-yl, pyrid-4-yl, 3-fluoropyrid-4-yl, 2-cyanopyrid-4-yl, 2-methylpyrid-4-yl or 2-trifluoromethylpyrid-6-yl.

7 (currently amended): A compound according to claim 1 wherein L is CO and -Lp(D)n is of the formula:

PAGE 20/37 * RCVD AT 2/22/2005 11:16:52 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:01625500058 * DURATION (mm-ss):18-10

PAGE 21/37 * RCVD AT 2/22/2005 11:16:52 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:01625500058 * DURATION (mm-ss):18-10

$$R_3$$

wherein;

m represents 0 or 1;

Xo X0-represents CH or N; and

when R₃ is present as a substituent on an aromatic ring, it is selected from hydrogen, alkylsulphonyl, aminosulphonyl, alkylaminosulphonyl, alkylaminocarbonyl, amino, amido, alkoxycarbonyl, acetylamino, chloro, fluoro, cyano, methoxy, ethoxy, nitro, hydroxy, alkylsulphonylamino, triazolyl and tetrazolyl; and

when R₃ is present as a substituent on a saturated ring, it is selected from hydrogen, hydroxy, amino, (1-3C)alkoxy, (1-3C)hydroxyalkyl, (1-3C)alkyl, carboxy, methoxycarbonyl and ethoxycarbonyl.

8 (currently amended): A compound according to claim 7 wherein -Lp(D)n is of the formula:

wherein Ri is hydrogen, methyl or ethyl or (1-6C) alkyl.

- 14 -

- 9 (previously presented) A compound according to claim 1 wherein R2 is:-
- (i) phenyl optionally being substituted in the 3 and/or 4 position by fluoro, chloro, bromo, iodo, nitro, difluoromethoxy, trifluoromethoxy, amino, cyano, trifluoromethyl, methylthio, vinyl, carboxy, acetoxy, MeSO2-, hydroxy, methoxy, ethoxy, methyl, methoxycarbonyl, methylamino, ethylamino or amido, and optionally substituted at the 6 position by amino, hydroxy, fluoro, methoxycarbonyl, cyano or aminomethyl;
- (ii) naphth-2-yl optionally substituted at the 6, position by hydroxy and optionally substituted at the 3 position by amino or hydroxy;
- (iii) isoquinolin-7-yl, indol-5-yl, indol-6-yl, indazol-5-yl, indazol-6-yl, benzothiazol-6-yl or benzisoxazol-5-yl optionally substituted at the 3 position by chloro, bromo, amino, methyl or methoxy;
- (iv) benzimidazol-5-yl or benzothiazol-6-yl optionally substituted at the 2 position by amino;
- (v) thien-2-yl or thien-3-yl optionally substituted at the 4 or 5 position by methylthio, methyl or acetyl;
- (vi) 3,4-methylenedioxyphenyl, 2,3-dihydroindol-6-yl, 3,3-dichloro-2-oxo-indol-6-yl or 1-methyl-3-aminoindazol-5-yl;
- (vii) benzothiazol-2-yl, imidazo[1,2-a]pyrimidin-2-yl or tetrahydroimidazo[1,2-a]pyrimidin-2-yl;
- (viii) pyrazol-2-yl substituted at the 5 position by methyl;
 - (ix) 5-chloropyrid-2-yl;
 - (x) pyrid-3-yl or 6-chloropyrid 3-yl;
- (xi) benzofur-2-yl, 5-chlorobenzofur-2-yl, 3-methylbenzofur-2-yl, 5-methylbenzofur-2-yl or 6-methoxybenzofur-2-yl; (xii) indol-2-yl optionally substituted on the indole nitrogen atom by methyl and optionally

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substituted at the 5 or 6 position by fluoro, chloro, bromo, methyl or methoxy;

(xiii) indol-6-yl substituted at the 5 position by chloro, fluoro or hydroxy and optionally substituted at the 3 position by chloro or methyl; or

(xiv) benzo[b]thiophen-2-yl optionally substituted at the 3 position by fluoro, chloro or methyl, and optionally substituted at the 5 or 6 position by fluoro, chloro, methyl, hydroxy, or methoxy.

10 (previously presented): A compound according to claim 9 wherein R₂ is:-

phenyl, 2-aminophenyl, 3-aminophenyl, 2-amino-4-(i) fluorophenyl, 2-amino-4-chlorophenyl, 2-amino-4-nitrophenyl, 2-amino-4-methylphenyl, 3,4-diaminophenyl, 3-amino-4fluorophenyl, 3-amino-4-chlorophenyl, 3-amino-4-bromophenyl, 3-amino-4-hydroxyphenyl, 3-amino-4-dathoxymethylphenyl, 3amino-4-methylphenyl, 3-amino-4-methoxyphenyl, 2-fluorophenyl, 4-fluoro-3-cyanophenyl, 3-chlorophenyl, 3-chloro-4hydroxyphenyl, 4-chlorophenyl, 4-chlorop-2-hydroxyphenyl, 4chloro-3-hydroxyphenyl, 4-chloro-3-methylphenyl, 4-chloro-3methoxyphenyl, 4-bromophenyl, 4-bromod B-methylphenyl, 4iodophenyl, 2-cyanophenyl, 3-cyanophenyl, 4-cyanophenyl, 2hydroxyphenyl, 2-hydroxy-4-methoxyphenyl, 3-hydroxyphenyl, 3hydroxy-4-methylphenyl, 2,4-dihydroxyphenyl, 3,4dihydroxyphenyl, 3-hydroxy-4-methoxyphenyl, 4difluoromethoxyphenyl, 4-trifluoromethoxyphenyl, 4trifluoromethylphenyl, 4-methylthiophenyl, 4methoxycarbonylphenyl, 4-acetoxyphenyl, 4methanesulfonylphenyl, 3-methylphenyl, 4-methylphenyl, 4vinylphenyl, 4-methoxyphenyl, 4-ethoxyphenyl, 4-methoxy-3chlorophenyl, 4-methoxy 3-methylphenyl, 3-methylaminophenyl, 4-methylaminophenyl, 4-ethylaminophenyl or 2aminomethylphenyl;

- (ii) naphth-2-yl, 3 aminonaphth-2 yl, 3-hydroxynaphth-2-yl;
- (iii) isoquinolin-7 yl, indol-5 yl, indol-6-yl, 3-chloroindol-6-yl, 3-bromoindol-6-yl, 3-methylindol-6-yl, 3-methoxyindol-6-yl, indazol-5-yl, 3-aminoindazol-5-yl, indazol-6-yl, benzothiazol-6-yl, 3-aminobenzisoxazol-5-yl;
- (iv) benzimidazol-5-yl, 2-aminobenzimidazol-5-yl, or benzothiazol-6-yl;
- (v) thien-2-yl, 5-methylthien-2-yl, 5-methylthio-thien-2-yl, 5-acetylthien-2-yl or thien-3-yl;
- (vi) 3,4-methylenedioxyphenyl, 2,3-dihydroindol-6-yl, 3,3-dichloro-2-oxo-indol-6-yl or 1-methyl-3-aminoindazol-5-yl;
- (vii) benzothiazol-2-yl, imidazo[1,2-a]pyrimidin-2-yl or tetrahydroimidazo[1,2-a]pyrimidin-2-yl;

(viii) 5-methylpyrazol-2-yl;

- (ix) 5-chloropyrid-2-yl;
- (x) pyrid-3-yl, 6-chloropyrid-3-yl;
- (xi) benzofur-2-yl, 5-chlorobenzofur-2-yl, 3-methylbenzofur-2-yl, 5-methylbenzofur-2-yl, 6-methoxybenzofur-2-yl;
- (xii) indol-2-yl, 5-fluoroindol-2-yl, 5-chloroindol-2-yl, 5-methylindol-2-yl, 5-methoxindol-2-yl, 6-methoxyindol-2-yl and 1-methyl-indol-2-yl;
 - (xiii) 5-fluoroindol-6-yl; or
- (xiv) benzo[b]thiophen-2-yl, 5-chloro-benzo[b]thiophen-2-yl or 6-chlorobenzo[b]thiophen-2-yl
- 11 (previously presented): A compound according to claim 1 wherein R2 is selected from one of the formula (A') to (H'):

$$R_{14} \xrightarrow{R_{15}} (A')$$

$$R_{13} \xrightarrow{S} (B')$$

$$R_{13} \xrightarrow{R_{13}} (C')$$

$$R_{13} \xrightarrow{R_{13}} (F')$$

wherein X_4 is O or S, R_{13} is selected from hydrogen, fluoro (except for (C')), chloro or methyl and R_{14} is selected from hydrogen, methyl, ethyl, fluoro, chloro, and methoxy and R_{15} is selected from hydrogen, methyl. Fluoro, chloro and amino.

12 (previously presented): A compound according to claim
11, wherein R₂ is 4-chlorophenyl, 4-methoxyphenyl, 3-amino-4chlorophenyl, indol-2-yl, 5-chloroindol-2-yl, indol-6-yl, 3chloroindol-6-yl or 3-methylindol-6-yl.

- 13 (canceled):
- 14 (canceled):
- 15 (canceled):
- 16 (canceled):
- 17 (canceled):
- 18 (canceled):

19 (previously presented): A compound according to claim 1 wherein R3a is selected from hydrogen hydroxyl, methoxy, ethoxy, methyl, ethyl, methylaminomethyl, dimethylaminomethyl, hydroxymethyl, carboxy, methoxymethyl methoxycarbonyl, ethoxycarbonyl, methylaminocarbonyl, dimethylamino-carbonyl, aminomethyl, CONH2, CH2CONH2, acetylamino, methoxycarbonylamino, ethoxycarbonylamino, tbutoxycarbonylamino, amino, fluoro, chloro, bromo, cyano, nitro, thiol, methylthio, methylsulphonyl, ethylsulphonyl, methylsulphenyl, methylsulphonylamido, ethylsulphonylamido, methylaminosulphonyl, ethylaminosulphonyl, aminosulphonyl, trifluoromethoxy, trifluoromethyl, bromo, -OCH2O- (which is bonded to two adjacent ring atoms in $\mathbb{C}[y]$ and $-\mathbb{C}(X^3)\mathbb{N}(\mathbb{R}^{11})\mathbb{R}^{12}$ (wherein X^3 is 0 or S and R^{11} and R^{12} are independently selected from hydrogen, methyl or ethyl or together with the nitrogen atom to which they are attached form a pyrrolidin-1yl, piperidin-1-yl or morpholino group)

20 (canceled):

21 (previously presented: A compound according to claim 1 wherein Cy is selected from:

wherein:

X' is selected from O, S and NMe

X'' is selected from O and S;

X'" is selected from O, S, NH and NMe;

Y' is selected from hydrogen, amino and methyl;

Ro is selected from hydrogen, methyl, fluoro, chloro, trifluoromethyl, methoxy, methylthio, methylsulphinyl and methylsulphonyl;

R_m is selected from hydrogen, methyl, fluoro, chloro, trifluoromethyl, methoxy, methylthio, methylsulphinyl, methylsulphonyl, carboxy, methoxycarbonyl and a group of the

formula $-C(x^3)N(R^{11})R^{12}$ wherein x^3 is 0 or S and R^{11} and R^{12} are independently selected from hydrogen, methyl or ethyl or together with the nitrogen atom to which they are attached form a pyrrolidin-1-yl, piperidin-1-yl or morpholino group); R_p is selected from hydrogen and fluoro; or R_0 and R_m or R_m and R_p form an $-OCH_2O$ group; or R_0 and R_m together with the ring to which they are attached form a 5 or 6 membered aryl or heteroaryl ring (wherein the heteroary ring contains 1 or 2 heteroaroms selected from nitrogen, oxygen and sulfur); and

one of Rol and Rol is hydrogen and the other is Ro.

22 (previously presented): A compound according to claim 1 wherein Cy is selected from phenyl, 2 chlorophenyl, 2-methoxyphenyl, 4-carbamoylphenyl, pyrid 2-yl, pyrid-4-yl, thien-2-yl, thien-3-yl, furan-2-yl, furan-3-yl, imidazol-2-yl, thiazol-2-yl, thiazol-4-yl, thiazol-5-yl and quinolin-4-yl.

23 (previously presented): A compound of the formula:

wherein Cy, R_2 and R_C are as defined in any one of claims 1 to 6, 9 to 12, 19 and 21 to 22.

24 (previously presented): A compound of the formula:

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wherein Cy and R2 are as defined in any one of claims 1 to 2,
9 to 12, 19 and 21 to 22
25 (canceled):
26 (previously presented):
                             A compound as claimed in Claim
1, which is selected from:
1-(Indole-6-carbonyl-D-phenylglycinyl) # 4-[2-(4-pyridinyl)-
ethyl]piperazine;
1-(3-Chloroindole-6-carbonyl-D-phenyl@lycinyl)-
4-[2-(4-pyridinyl)ethyl]piperazine;
1-(4-Methoxybenzoyl-D-phenylglycinyl) 計算 (1-methylpiperidin-4-
yl) piperazine;
1-(4-Methoxybenzoyl-D-(2-chlorophenyl)glycinyl)-4-(1-methyl-
piperidin-4-yl)piperazine;
1-(Indole-6-carbonyl-D-(2-chlorophenyl)glycinyl)-4-(1-methyl-
piperidin-4-yl)piperazine; and
1-(4-Methoxybenzoyl-D-(2-trifluoromethylphenyl)glycinyl)-4-(1-
methylpiperidin-4-yl)piperazine;
and physiologically-tolerable salts thereof.
                              A pharmaceutical composition,
27 (previously presented):
which comprises a compound as claimed in claim 1 together with
at least one pharmaceutically acceptable carrier or excipient.
28 (canceled):
29 (canceled):
30 (previously presented): A method of treatment of a human or
non-human animal body to combat a thrombotic disorder selected
from venous thrombosis, pulmonary emoclism, arterial
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thrombosis, myocardial ischaemia, myocardial infarction and

cerebral thrombosis, which comprises administering to said body an effective amount of a compound as claimed in claim 1.

31 (canceled):

32 (canceled):

33 (previously presented): A compound of the formula

or a salt thereof in which Cy is as defined in any one of claims 1, 21 and 22.

34 (previously presented): A compound as claimed in any one of claims 1 to $\underline{1213}$, 19 and 21 to 22, wherein the alpha atom in Y is carbon and has the conformation that would result from construction from a D- α -aminoacid NH₂-CH(Cy)-COOH where the NH₂ represents part of X-X.

35 (previously presented): A pharmaceutical composition, which comprises a compound as claimed in claim 34 together with at least one pharmaceutically acceptable carrier or excipient.

36 (previously presented): A method of treatment of a human or non-human animal body to combat a thrombotic disorder selected from venous thrombosis, pulmonary embolism, arterial thrombosis, myocardial ischaemia, myocardial infarction and cerebral thrombosis, which comprises edministering to said body an effective amount of a compound as claimed in claim 34.

37 (previously presented): A method as claimed in claim 36 in which said human or non-human animal pody is a human body.

38 (new) A compound as claimed in claim 33, in which the carbon atom bearing Cy has the conformation that would result from construction from a $D-\alpha$ -aminoacid NH_2 -CH(Cy)-COOH.

39 (new) A compound as claimed in claim 38, in which Cy is a phenyl group.

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